USER MANUAL
PT-9

Preface

Thank you for purchasing the PT-9. This manual shows how to operate the device smoothly and correctly. Make sure to read this manual carefully before using this product. Please note that specification and information are subject to changes without prior notice in this manual. Any change will be integrated in the latest release. The manufacturer assumes no responsibility for any errors or omissions in this document.

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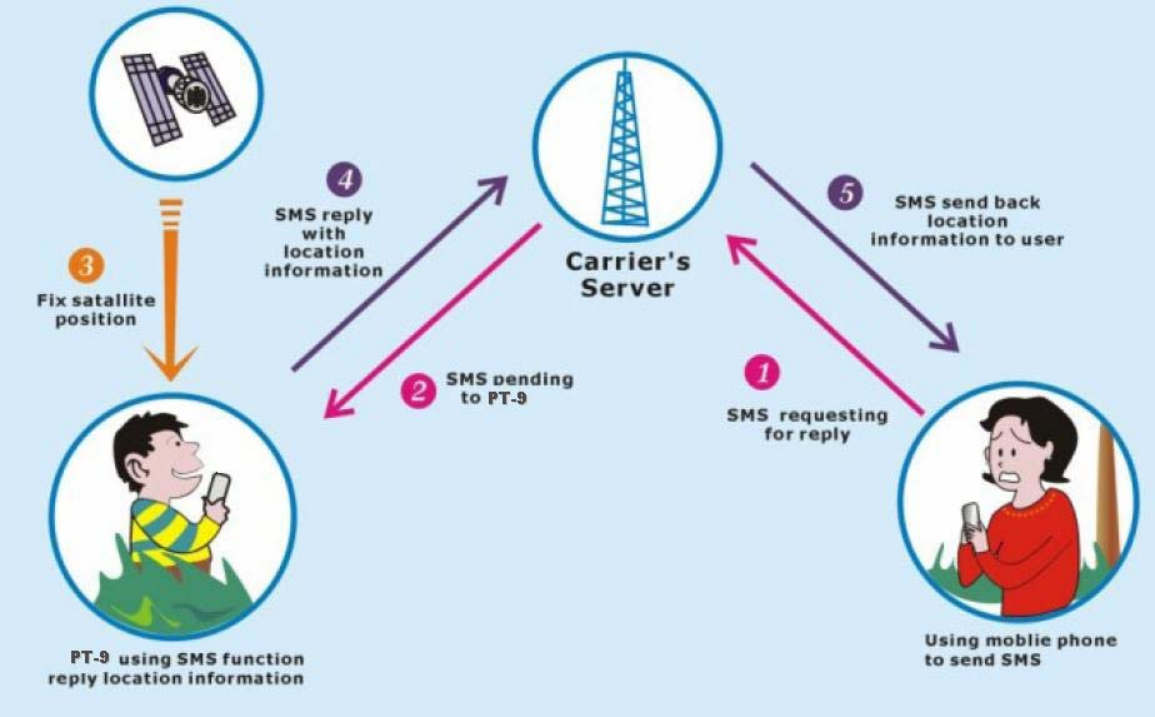
1 How does PT-9 work?



2 Notes and Cautions

2.1 GSM/GPRS network connection will determine the performance of the device.

2.2 The satellite signal will be blanketed by cement and metallic material, and it's recommended to use it in an open field.

2.3 To keep the best connection, please make sure the GPS antenna looks skywards.

2.4 Do make sure there is no any text message in the SIM card.

2.5 Do make sure the PIN code is deactivated.

2.6 Don't let the device run at or above 50 degrees by, such as, exposing the device under the sunshine for a long time, for safety consideration.

2.7 Put it in a covert place if using it for anti-theft.

2.8 Risk of explosion may exist, if the battery is replaced by an incorrect type.

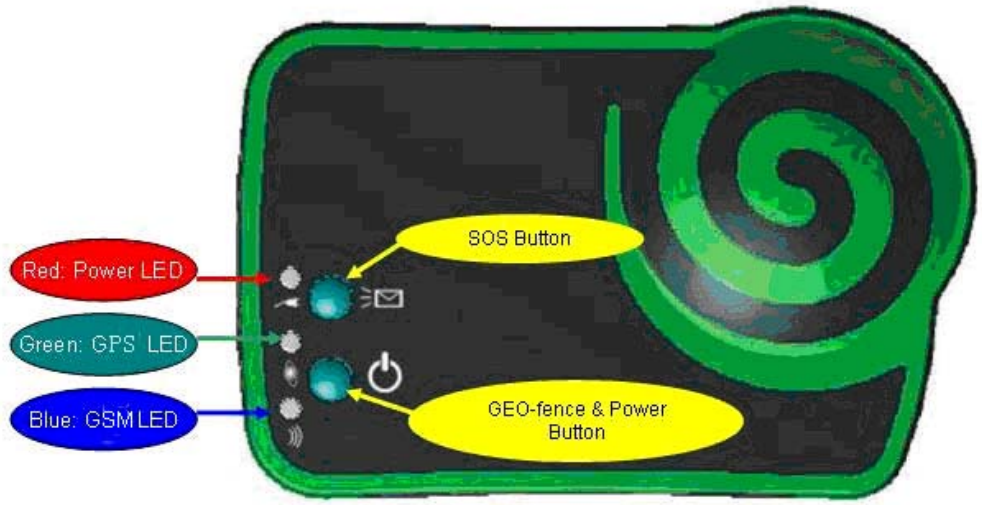
2.9 Disposal of used battery should comply with the legal instructions.

3 Specification

GSM/GPRS	
GSM/GPRS module	Sincom300 Tri-Band GSM module (GSM900/1800/1900MHz)
GSM Antenna	Build-in
GPS	
GPS module	SRIF III 20 channels
Protocol	NMEA-0183 compliant protocol
GPS Antenna	Build-in active high sensitivity antenna
Accuracy	1-5m
Update rate	1 HZ

Start time	Cold start: 42s Warm start: 35s Hot start : 1s
Electrical	
Operating Voltage	3.3V
Charge voltage	4.5~5V
Standby	15mA
Operating	80mA
Battery	Li-ion 1100mAh
other	
Size	68mm*47mm*27mm
Weight	55g(including battery)

4 Get Started



4.1 Accessories

PT-9

900mAhLi-ionBattery

User manual

Package

Charger

4.2 Battery Charging

1. It takes at least 4 hours to charge the battery fully. Please power off the device to charge.
2. Connect the charger to a power supply
3. The yellow LED will turn off when the battery is fully charged, then disconnect the power supply.

From here, you can charge the battery.

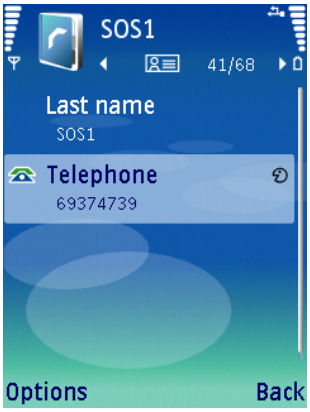
4.3 Insert the SIM card

1. Press the battery cover, and then pull it downward to open it.
2. Remove the battery
3. Insert the SIM card into the holder according to the direction shown and close the holder when done.
4. Put the battery back and close the battery cover

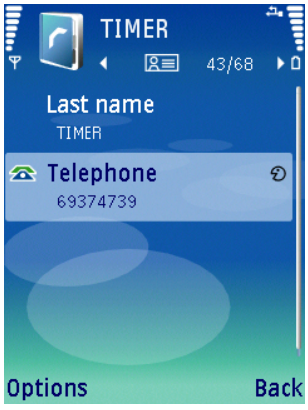
5 Set up

Before using the tracker, **please set up the SIM card on your mobile phone first**. The settings as below:

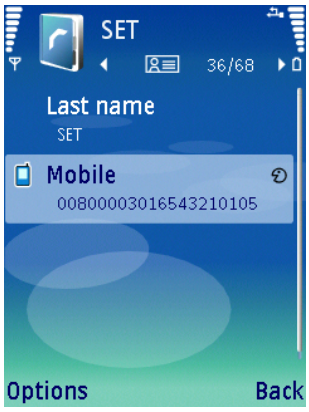
Phonebook Setting



SOS Setting



Timer Setting



SET Setting

Note: 1.The user at most can set up to 5 SOS numbers, which should be separately named SOS1,SOS2……SOS5 in the SIM card.

2. The "TIMER" does not receive SMS when the SOS button is pressed. Only SOS numbers are able to receive this SMS.
3. The "SET" is for Parameters setting. (please refer to the article 5.3)
4. All the settings are in **CAPITAL** letters.

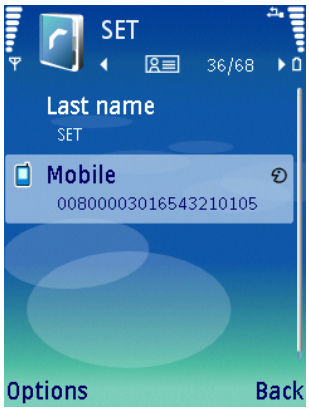
5.3 Parameters setting

The SIM card of the tracker needs to be setup in the mobile phone first. The device parameter consists of 20 digits. Please store it as a whole number and in the name of "SET" :

Digit	Definition	Value& Meaning	Default
1-5	**Time Zone**	GMT+12:00(01200) to GMT -13:00(11300)	GMT+00:00(00000)
6-7	**GPS data timer**	00: device always receives GPS data. 01-99: device receives GPS data in every 1 minute to 99 minutes.	00: device always receives GPS data.
8-9	**SMS timer**	00: device doesn't send SMS automatically. 01-99: device automatically sends SMS to mobile phone in every 1 minute to 99 minutes	00: device doesn't send SMS automatically.
10	**Temperature**	0: device doesn't check the temperature. 1-9: device will check the temperature in every 1-9 minutes and	0: device doesn't check the temperature.

	Alarm	alarm in SMS when the temperature reaches 50 degree.	
11-16	**Device Password**	Set a 6 digits password as from 000000-999999.	000000
17-18	**Geofence**	“00”-“99”, each number means distance 50 meters, e.g. 2 is 100 meters, it is calculated in progression, say **×50m.	**“**00”, Geofence doesn’t work.
19-20	**Speeding alarm**	“00” to “99”, To take an example: each number means 10km/h; e.g. 2 is 20km/h, it is calculated in progression, say **×10km/h.	**“**00”, Speeding alarm does not work.

For example:



1) **00800**: Time zone:GMT+8:00.
2) **00**: The tracker keeps receiving GPS signal.
3) **30**: The tracker keeps sending a SMS to the TIMER in time interval 30 minutes.
4) **1**: The tracker keep checking the temperature every 1minute.
5) **654321**: The password is 654321. if the caller’s number is not stored in phonebook, the password should be typed in to track the device.
6) **01**: Geofence is set at 50 m radius range(1×50m).
7) **05**: Speeding alarm will work when the speed is over 50km/h (5×10km/h).

5.3.1 Time zone

The device receives the time in Greenwich Mean Time (GMT). For different countries and areas, users should adjust it to local time by setting as below:
Digit 1 indicates ‘+’ (0) or ‘-’ (1)
Digit 2 and 3 indicates hour difference to GMT.
Digit 4 and 5 indicates minute difference to GMT
Values of time zones are shown as below:

Time Zone	Value	Time Zone	Value	Time Zone	Value
GMT-12:00	11200	GMT-2:00	10200	**GMT+5:45**	**00545**
GMT-11:00	11100	GMT-1:00	10100	GMT+6:00	00600
GMT-10:00	11000	**GMT**	**00000**	**GMT+6:30**	**00630**
GMT-9:00	10900	GMT+1:00	00100	GMT+7:00	00700
GMT-8:00	10800	GMT+2:00	00200	GMT+8:00	00800
GMT-7:00	10700	GMT+3:00	00300	GMT+9:00	00900
GMT-6:00	10600	**GMT+3:30**	**00330**	**GMT+9:30**	**00930**
GMT-5:00	10500	GMT+4:00	00400	GMT+10:00	01000
GMT-4:00	10400	**GMT+4:30**	**00430**	GMT+11:00	01100
GMT-3:00	10300	GMT+5:00	00500	GMT+12:00	01200
GMT-3:30	**10330**	**GMT+5:30**	**00530**	GMT+13:00	01300

Note: Other input is regarded as the default value (00000).

5.3.2 GPS data timer

For saving battery power, the device can be set to turn on at a predefined interval. It is set as below:

“00”: the device turns on and receives GPS data continuously;
“01”-“99”: the device will turn on automatically in every 1-99 minutes.
Note: Other input is regarded as the default value (00).

5.3.3 SMS timer

These two digits determine the interval at which the device sends the SMS automatically.
“00”: the device doesn’t send out SMS automatically;
“01”-“99”: the SMS will be sent in every 1-99 minutes.
Note: Other input is regarded as the default value (00).

5.3.4 Temperature Alarm

When the device temperature reaches 50 degree, it will send a SMS to SOS numbers as the following format:

Temperature > 60C !
N,Lat:2242.9753,
E,Lon:11349.0237

Note: Set the 10th number for “1-9” : the device will check the temperature in every 1-9 minutes.

5.3.5 Geofence & Speeding Alarm

Once the tracker moves out of the predefined range, it will warn you up by two SMS.

Once the tracker moves exceeding the speed limit, the device will warn you up by two SMS.

Notes:

1) ONLY when you set GPS data timer at “00”, the speeding alarm works.

2) Speed alarm & Distance alarm will be sent to the TIMER.

3) It is recommended that Speeding Alarm is set at not less than 50km/h for a precise alarm, for below that rate, it may cause drift or excursion of GPS signal influenced by clouds etc.

6 Operate

6.1 Device ON/OFF

Turn on: Press the power button, and then the Red and the Blue LEDs flash quickly and Green LED is on, after the startup process is completed it will enter the standby mode with the Red and Blue LED flashing slowly and Green LED flashes slowly.(During the startup, the tracker can not be turned off.)
Turn off: Press the power button for four seconds, and the Red and the Blue LEDs will flash quickly. When both of the LEDs turn off, the device turns off for sure.

6.2 Geofence ON/OFF

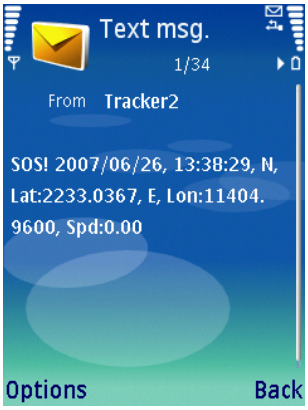
ON

After the PT-9 works normally, double press the power button in 2seconds, then the Red LED will flash quickly. When the Red LED changes to normally flash, it means that PT-9 has saved your current position. Now Geofence mode is ready, when the user move out of the range that has preset in the parameters setting the tracker will warn user up by two SMS.

OFF

Double press the power button in 2seconds, and when the Red LED normally flashes, it means Geofence will be closed.

6.3 SOS



Press the SOS button for 2 seconds, and PT-9 will send out its location to the SOS numbers by SMS as shown on the left.
The red LED will flash quickly during and then go out.

7 Two Location Inquiry Modes

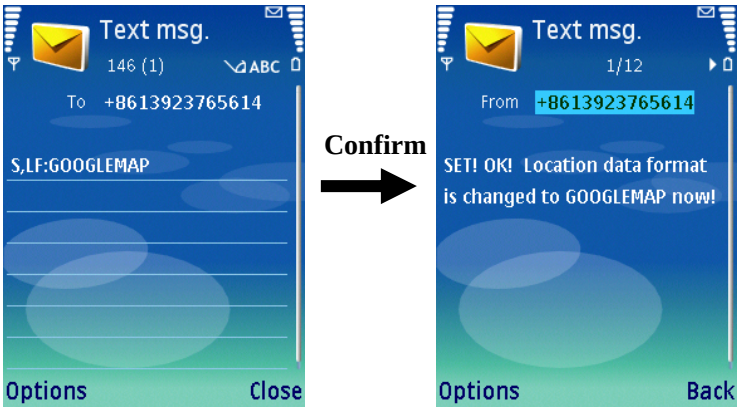
There are two inquiry modes:

NORMAL: The user can check the location by coordinates.

GOOGLEMAP: The user can check the real location with a mobile phone, which must be able to browse the internet.

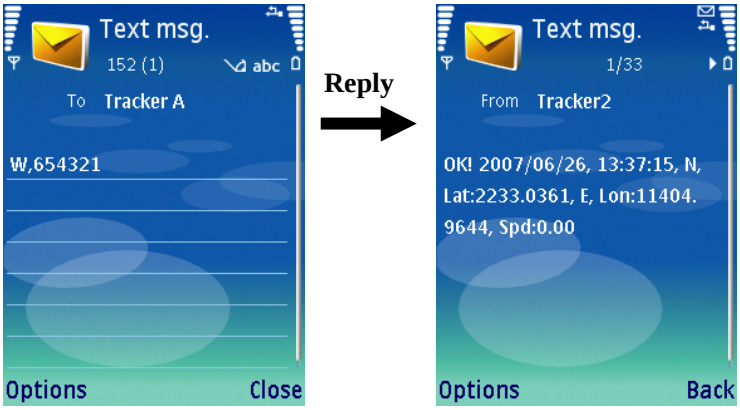
7.1 Change the Inquiry Mode

The user can send a SMS command to change the inquiry mode. The SMS command is as below:



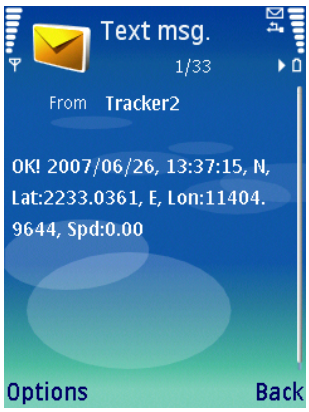
7.2 In NORMAL mode

By SMS



The numbers in the phonebook can send "**W**" to check the location, while other numbers not listed in the phonebook of PT-9 must input "**W+Password**" to check the location.

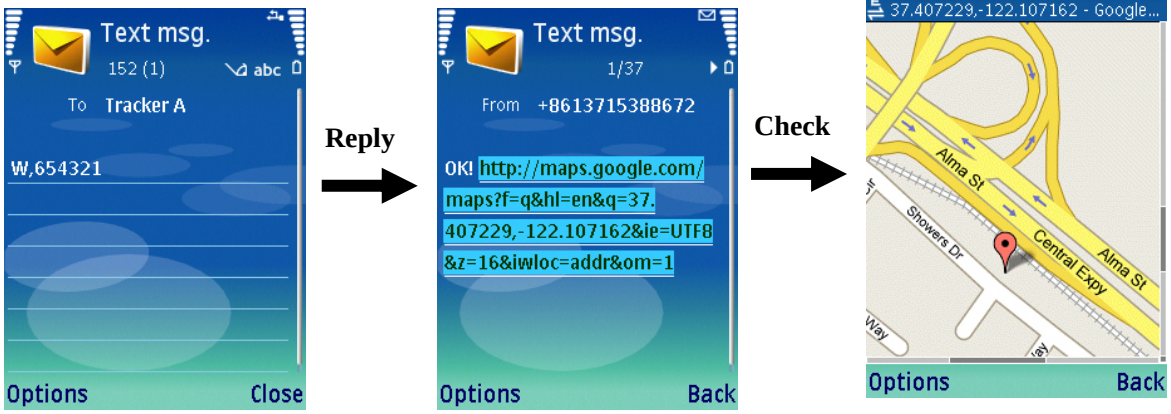
By Phone Call



Only numbers stored in the phonebook can dial up the device. When they call in, PT-9 will hang up and return a SMS as shown on the left:

7.3 In GOOGLEMAP mode

By SMS



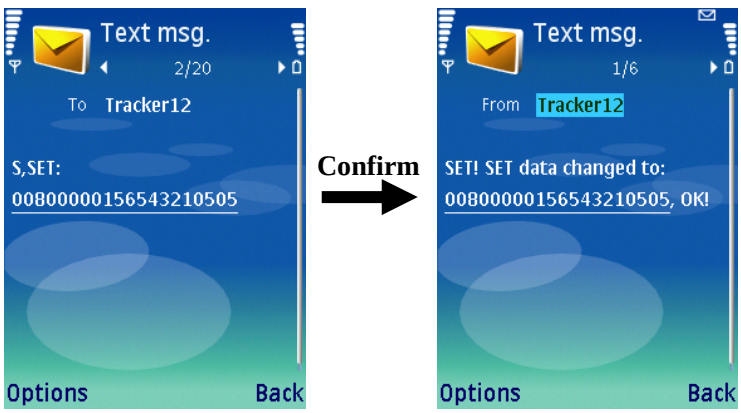
The numbers listed in the phonebook can send "**W**" to check the location, while other numbers not listed in the phonebook of PT-9 must input "**W+Password**" to check the location.

By Phone Call

Only numbers stored in the phonebook can dial up the device. When they call in, PT-9 will hang up and return a SMS as shown on the left:

8 Inquire about and Set up the working status

8.1 Establish & Change the SET



Send a SMS to PT-9 to establish or change the "SET", the SMS content is "**S,SET:xxxxxxxxxxyyyyyyxxxx**" (20digits without blank)

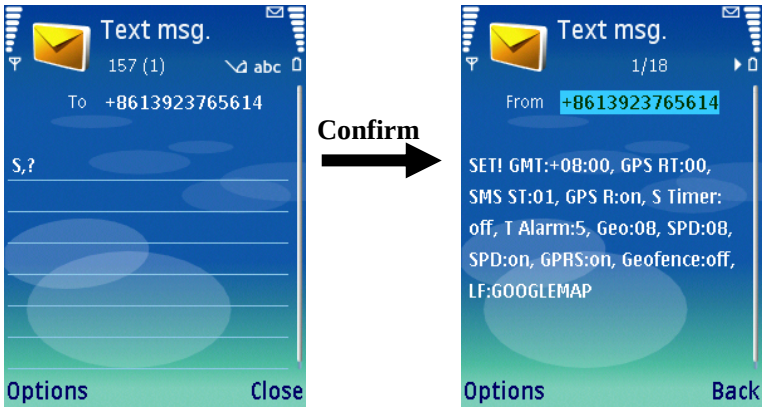
a). If the SMS format is incorrect, PT-9 will reply: **SET! SET data format error!**

b). If SMS doesn't replace the old "SET" successfully, PT-9 will reply: **SET! SET data save error!**. Then please retry.

Notes:

1. For safety consideration, the SMS can not change the device password; these 6 digits in SMS must be same with the old one which is pre-set on mobile phone. If the SIM card isn't pre-set before, the default value must be 000000.
2. In case of accident (such as PT-9 is in process of power-off when the SMS is sent out), this operation may cause the parameter setting returns to the default value (including the password).

8.2 Inquire about the working status



The user can send a SMS command to inquire about working status. The SMS command is as left:

GMT:+08:00 is the Time zone**. GPS RT:00** GPS timer is on. **SMS ST:01** Send SMS location every 1 min. **GPS R:on** GPS module is on. **S Timer:off** SMS sending is off. **T Alarm:5** Check temperature every 5 mins. **Geo:08** Geofence is 400meters. **SPD:08** Speeding Alarm is 80km/h. **SPD:ON** Speeding Alarm is on. **GPRS:on** GPRS is on. **Geofence:off** Geofence is off. **LF:GOOGLEMAP** Location inquiry is in GOOGLEMAP mode.

8.3 Set up the working status

For GPS module:

The user can send a SMS command to turn on the GPS timer. The SMS command is as below:

The user can send "**S,ROFF**" to turn off the GPS timer.

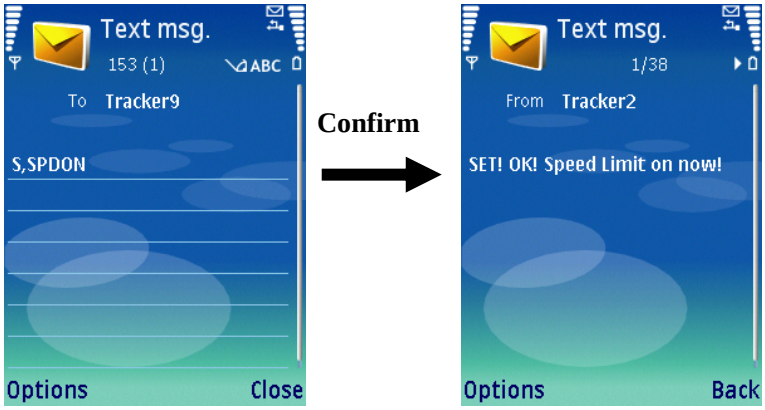
For SMS sending:

The user can send a SMS command to turn off the SMS sending. The SMS command is as below:

The user can send "**S,SON**" to turn on SMS sending.

For Speeding Alarm

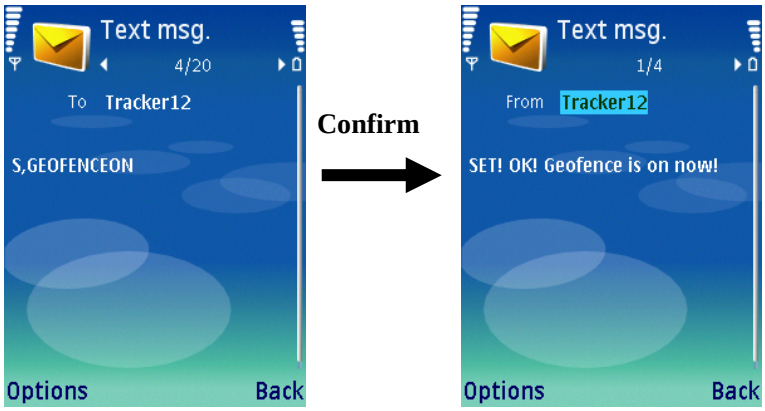
The user can send a SMS command to turn on the Speed Alarm. The SMS command is as below:



The user can send "**S,SPDOFF"** to turn off the Speeding Alarm

For Geofence Alarm.

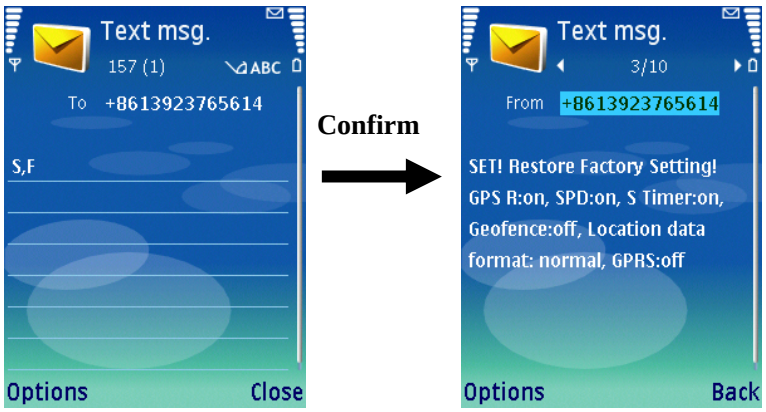
The user can send a SMS command to turn on the Geofence Alarm. The SMS command is as below:



The user can send "**S,GEOFENCEOFF"** to turn off the Geofence Alarm.

8.4 Restore the default value

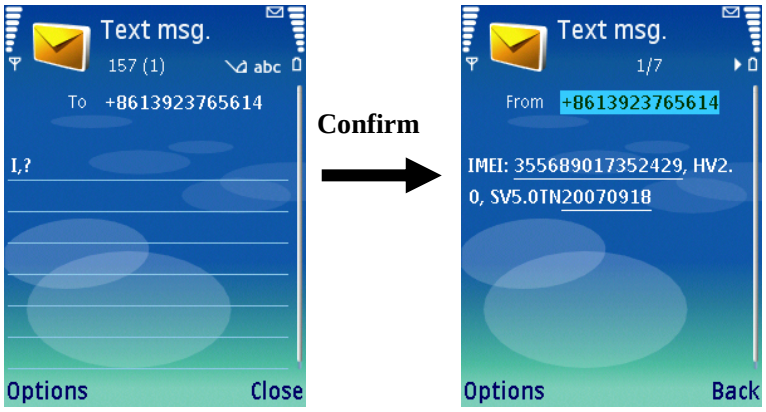
The user can send a SMS command to restore the default value. The SMS command is as below:



Note: Only the numbers in the phonebook of PT-9 can set up and inquire about the device status.

9 Check the IMEI Code

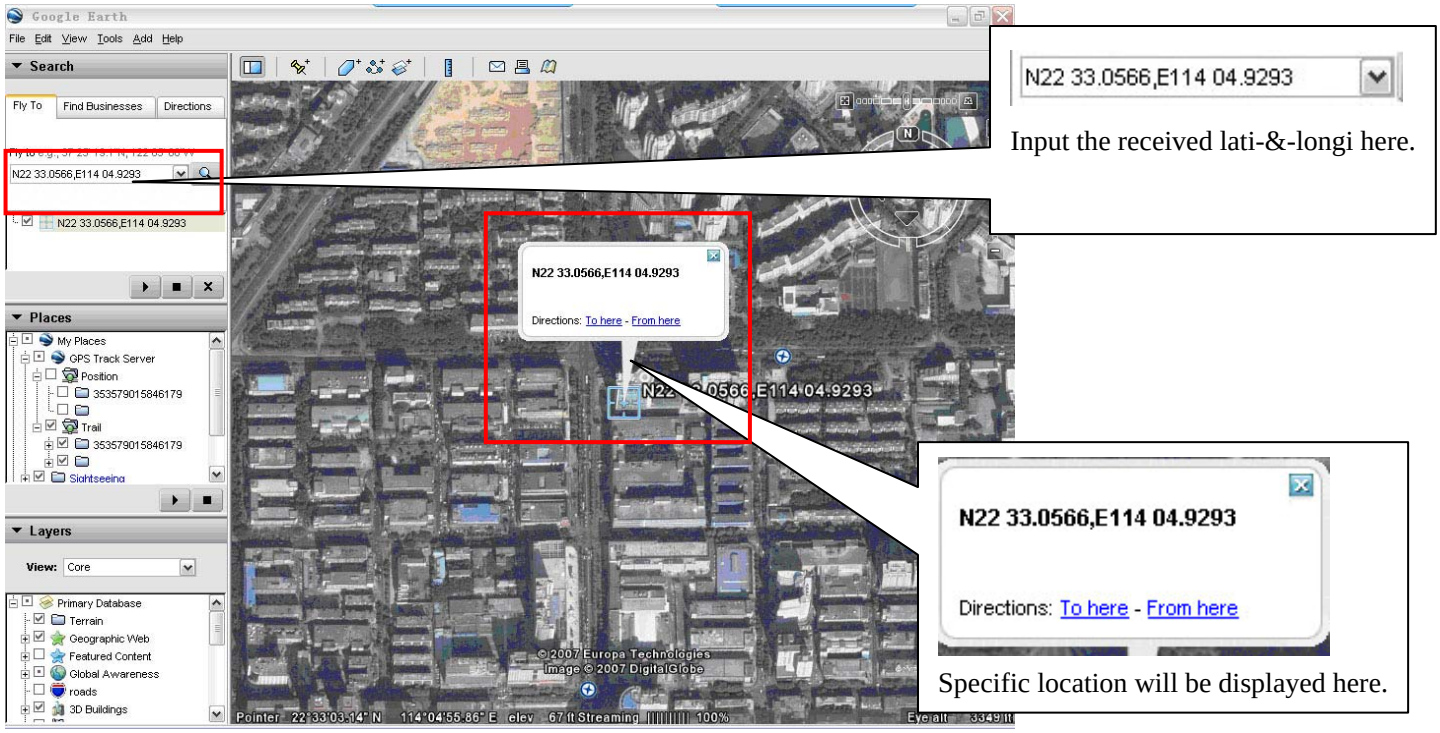
The user can send a SMS command to check the IMEI code. The SMS command is as below:



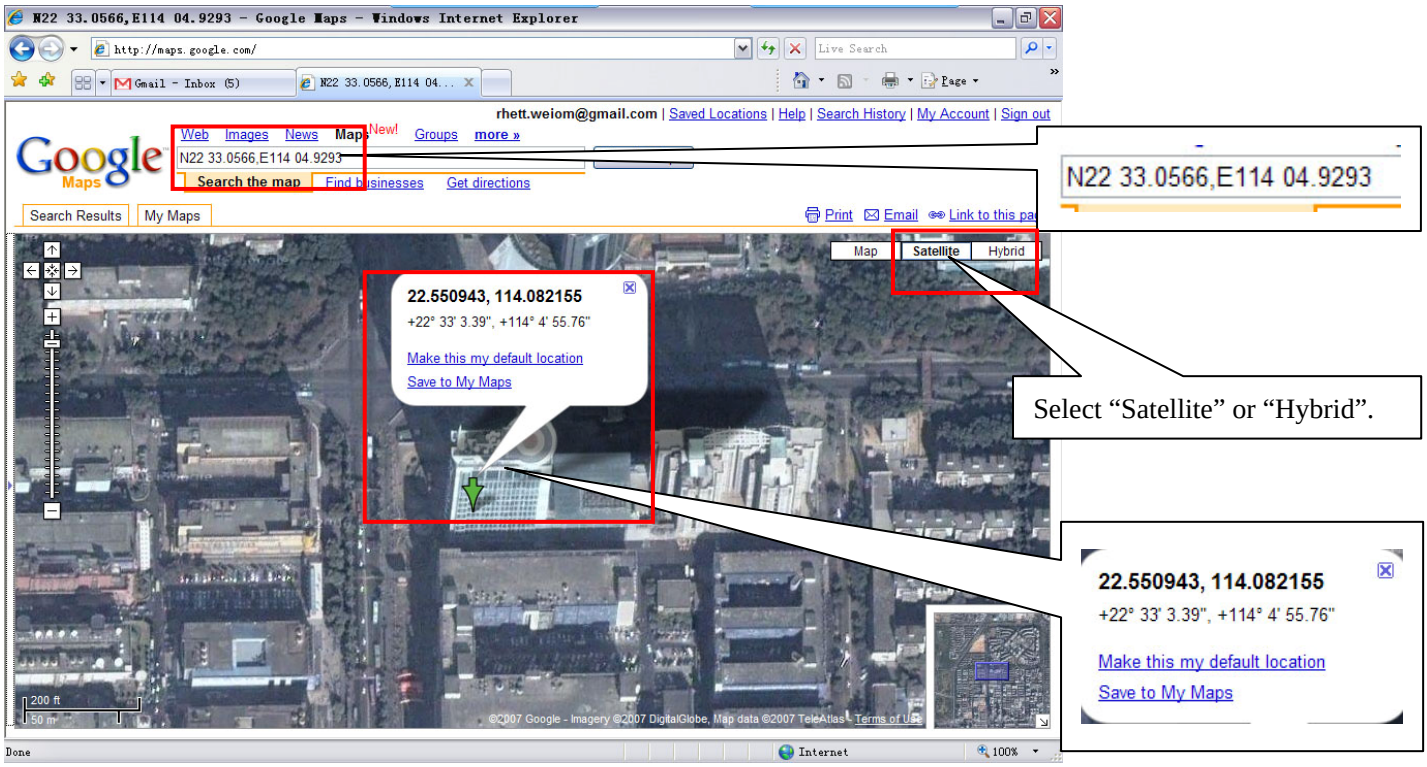
Note: Only the numbers in the phonebook of PT-9 can check the IMEI code.

10 View Real Location

Start the Google Earth software which you can find them in the CD-ROM under the Manual folder.



Or you can go to http://maps.google.com for specific location by typing in the coordinate.


N22 33.0566,E114 04.9293
Select “Satellite” or “Hybrid”.
22.550943, 114.082155
+22° 33' 3.39", +114° 4' 55.76"
Make this my default location
Save to My Maps

Or you also can use any other map software which is compatible with NEMA coordinate format.

Note: please make sure the input coordinate is in this format as below:
N22 42.9753,E113 49.0237.
There is a space between “N22” and “42.9753”; E113” and “49.0237”.

11 Troubleshooting

troubles	cause	solution
After you turn on the power, the red LED holds still	The SIM card is not inserted correctly.	Please put the SIM card correctly into the holder.
After you turn on the power, the Green LED holds still	The GPS signal is too weak	Please move to an open area for better connection.
The PT-9 can not be turned off	Probably a SMS is been sent.	Turn off the device after the SMS is sent out.

12 GPRS setup

Precautions:

1. Before doing the following settings, please deactivate the firewall of the computer. It is to make sure the location data can transmit into the computer via GPRS.
2. For GPRS using, it is recommended that the SMS timer is set in “1 minute”.

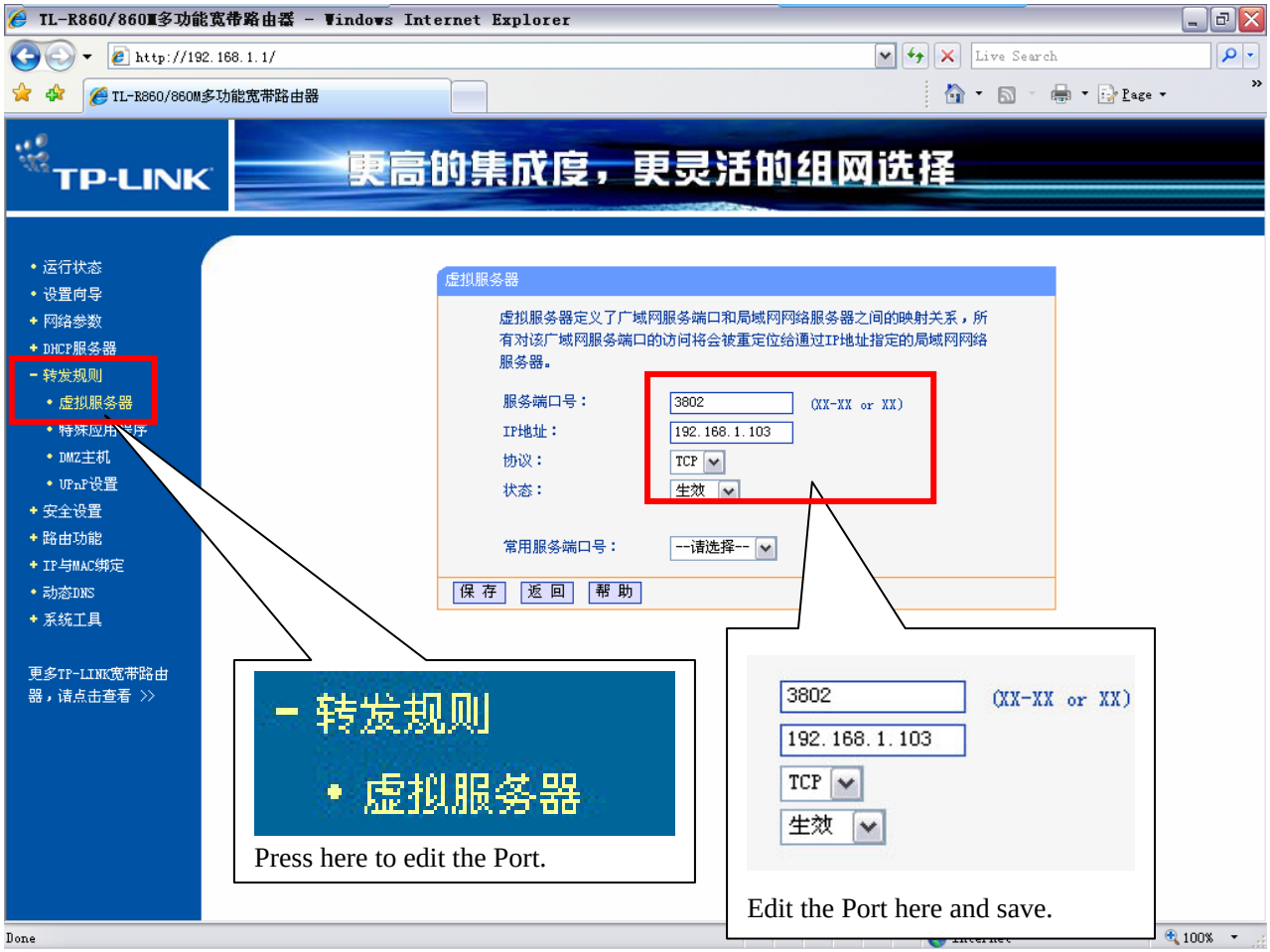
12.1 IP setting

The user should get the IP address of the router and edit the computer’s IP and Port number as below illustration before moving on to the later settings, and then set up the router’s IP and the Port number in the SIM card (Please refer to article **2.2**).The user may connect internet by a router or a modem.

12.1.1 Router

Using a router for internet connection, the user needs to know the IP address of the router from the website as below:

Enter your computer's IP address and port number into appropriate text box.



The completed setting as below:

12.1.2 Modem

For the modem, the user needs to obtain Internet IP address (WAN IP address). Set up the IP in the SIM card (Please refer to article **2.2**).

12.2 Settings on the mobile phone

Before using the GPRS function, the user needs to do the following settings on your mobile phone.

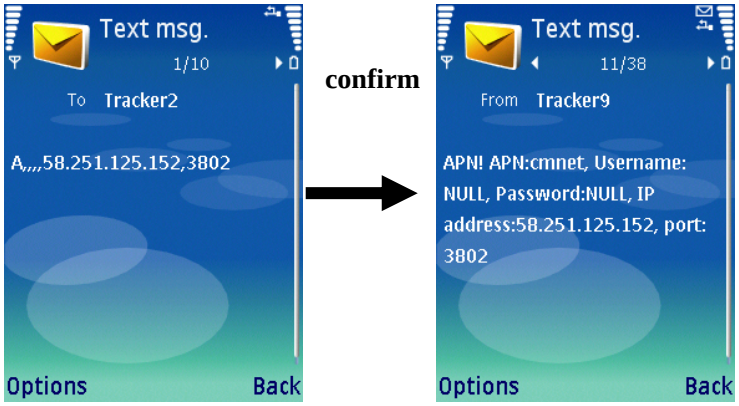
12.2.1 GPRS activation

The user should activate the GPRS function by sending the command as left, this is in order to send locations data via GPRS from the tracker to the computer. Then the tracker will confirm with a message.

As well, the user can deactivate the GPRS by sending the command: **S, GPRSOFF**.

12.2.2 APN setting

Set up the APN by sending a command as below.



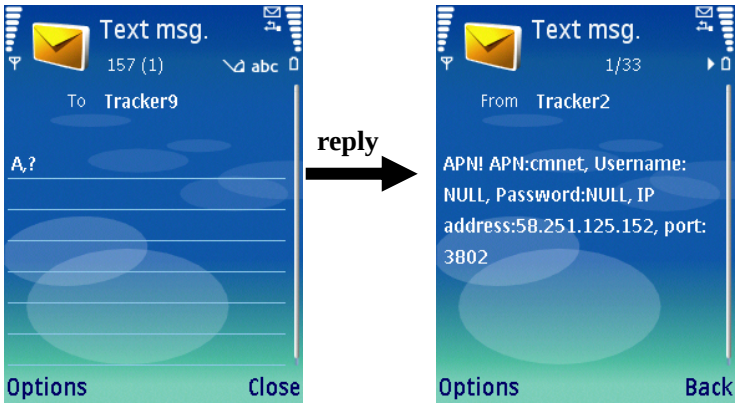
As you can see on the left illustration. The complete parameter is set in this format: **A,(APN),(Username),(Password),(router's IP address),(Port)** . It means separately "APN", "Username", "Password" , "IP address" , "Port".

a: When you set the parameter, if you don't want to set part of the parameter, you can leave it blank, but the comma cannot be ignored.

b: The user will get a confirmation to the setting.

Note: The tracker will keep the settings of GPRS and APN. When restoring the settings, please send the related commands to the tracker.

12.2.3 APN checking



The user can check the GPRS setting by sending a command to tracker: **A,?** The reply is as left.

APN: set the "access point name" to be your local APN (Please refer to the table in the article **4** for your local APN. If unavailable, please consult your local operator.)

Username: Please consult your local operator.

Password : Please consult your local operator.

IP address: set it to be your router's IP.

Port: set it to be the location data input port.

12.3 Software installation and setting

12.3.1 Software installation

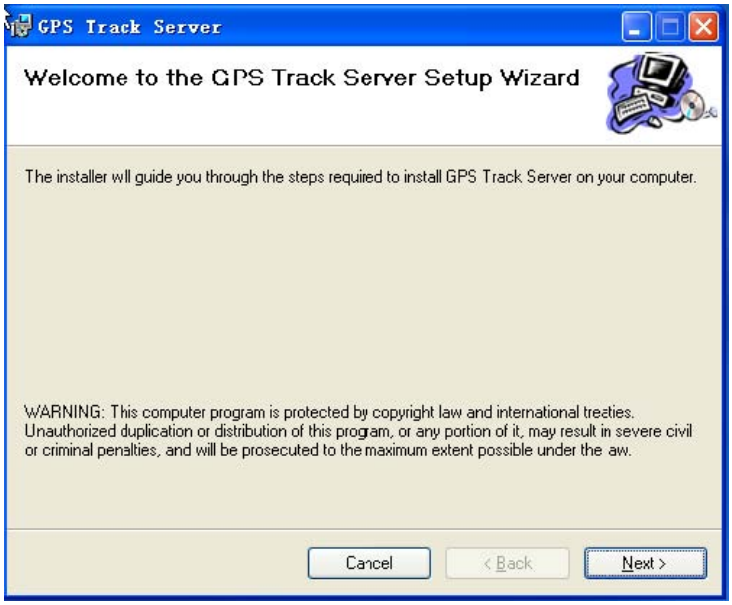
Before installing the GPS Tracker Server software, you should install **dotnetfx.exe** and **Google Earth.exe**.

You can find the software from the Internet by following website or directly click on the button from this disc.

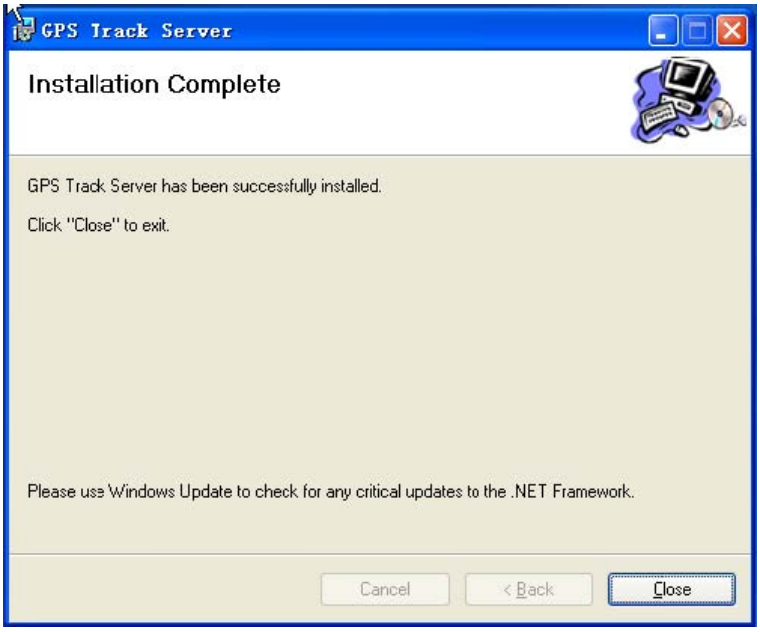
http://www.microsoft.com/downloads/details.aspx?FamilyID=0856EACB-4362-4B0D-8EDD-AAB15C5E04F5&displaylang=en

http://earth.google.com/download-earth.html

After having installed this two software, the user can go on to install the GPS Tracker Server software by double click **GPS track server setup.exe**.

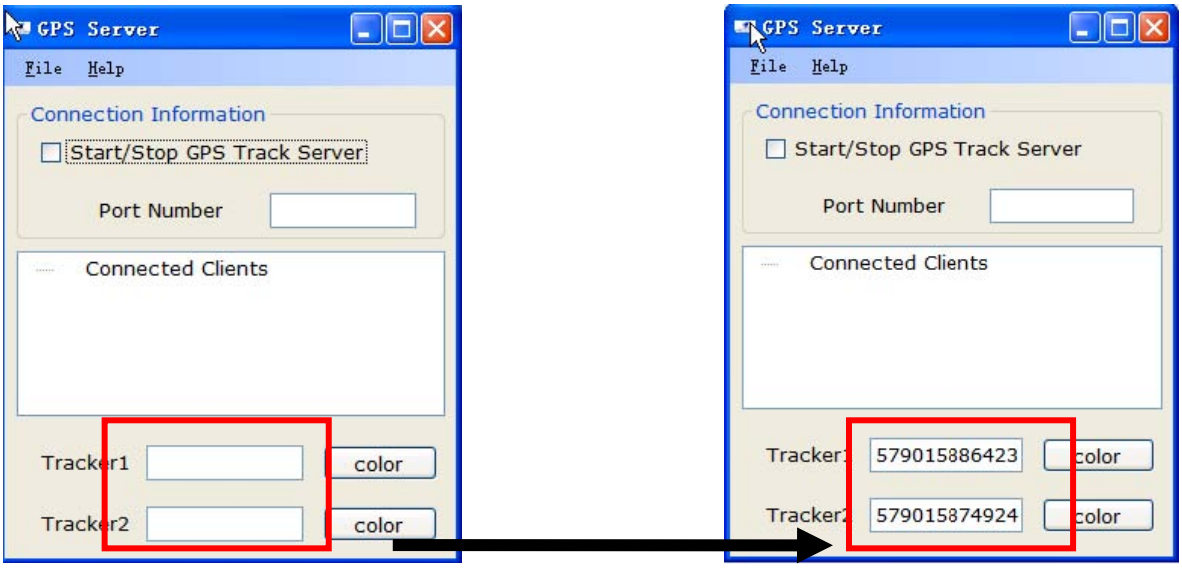

GPS Track Server
Welcome to the GPS Track Server Setup Wizard
The installer will guide you through the steps required to install GPS Track Server on your computer.
WARNING: This computer program is protected by copyright law and international treaties. Unauthorized duplication or distribution of this program, or any portion of it, may result in severe civil or criminal penalties, and will be prosecuted to the maximum extent possible under the aw.
Cancel
< Back
Next >

Install successfully

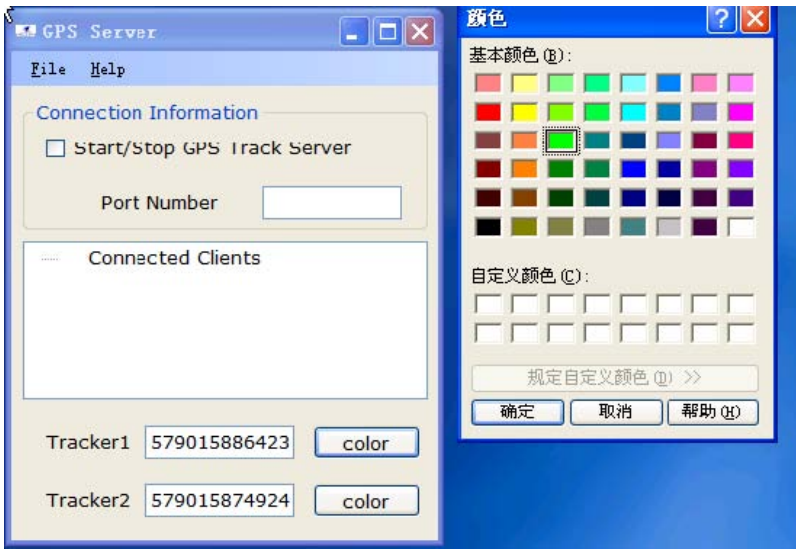

GPS Track Server
Installation Complete
GPS Track Server has been successfully installed.
Click "Close" to exit.
Please use Windows Update to check for any critical updates to the .NET Framework.
Cancel
< Back
Close

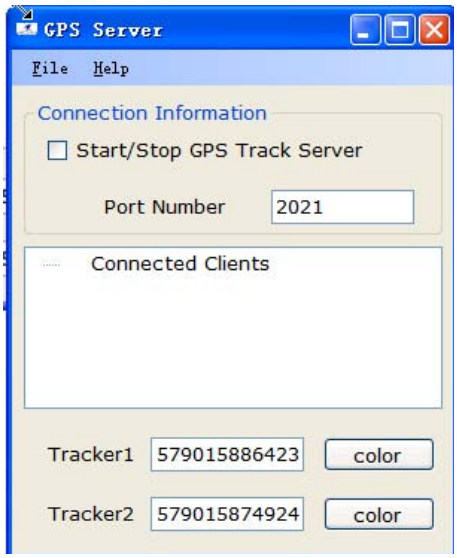
12.3.2 Software Setting

Double click the application shortcut from the desktop and fill in the IMEI code (**The IMEI code is labeled on the battery cover**.) in the text box, which is identifying each different tracker.

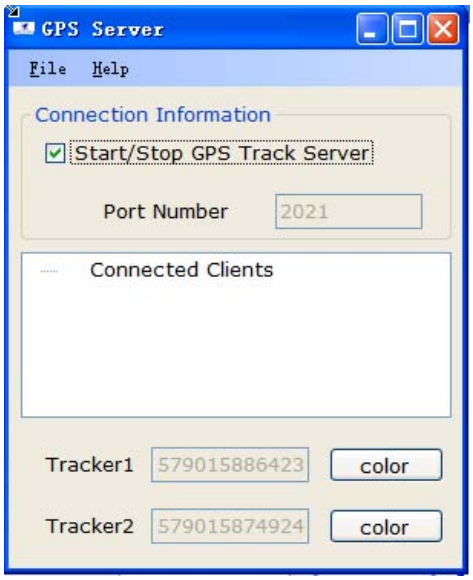


Click color icon to select a color for each tracker's path and fill in the Port number in port number textbox. The Port number is your server start listening in. You can set the port number arbitrarily, unless it doesn't conflict with your operation system.



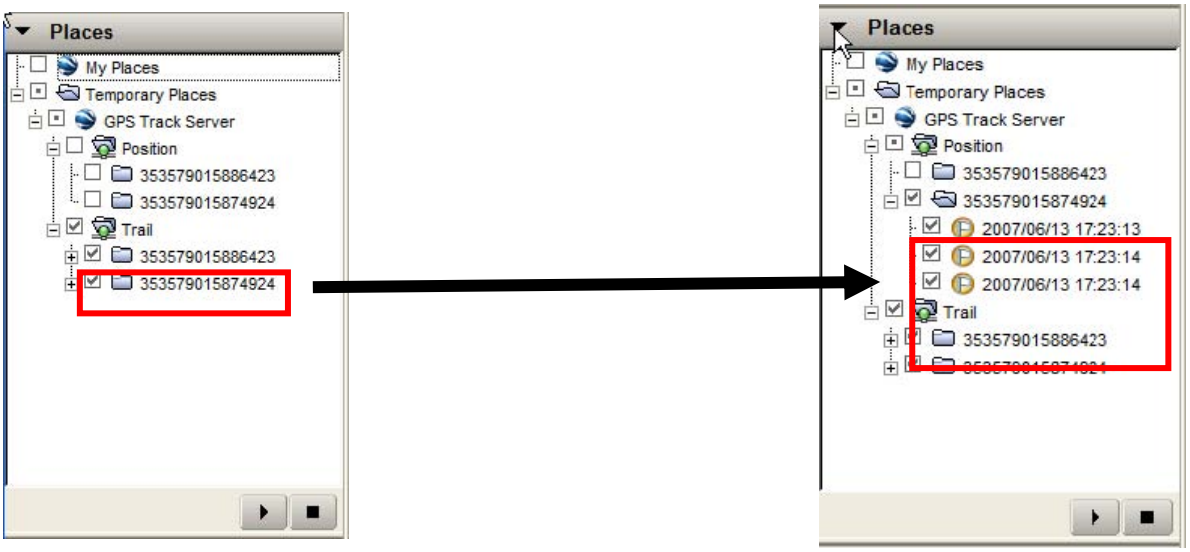


When the set up is finished, you can tick the **Start/Stop GPS Track Server** to start the Google earth**.**

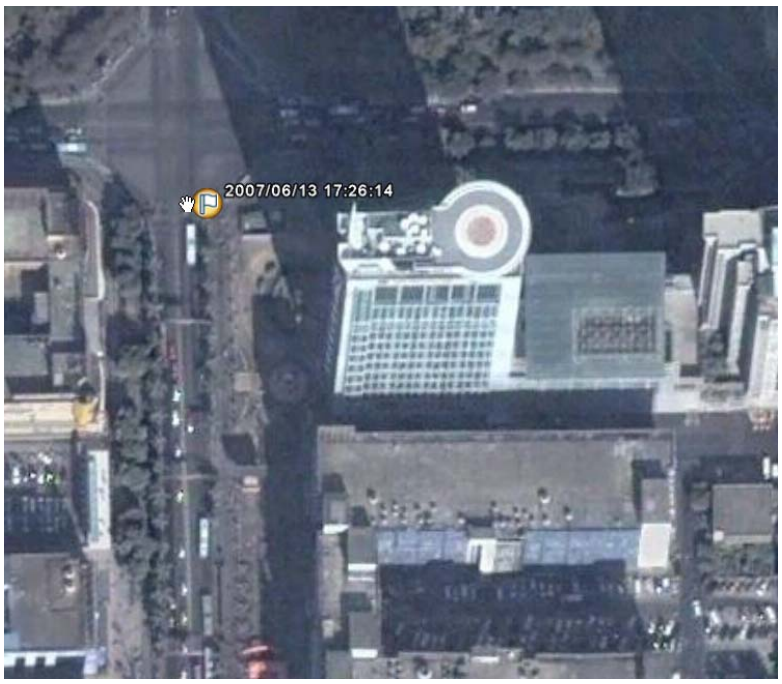


a: Then you can see the Server software will automatically start the Google Earth program. In the left column you can found the GPS Tracker Server in the **Temporary places**. And each Tracker has made a single folder by IMEI number.

b: After receiving data from Tracker, the software can add a place mark in the Google earth. You can find them in Position folder.



Double click at any place mark that you can find from the map.



Tick up the box of trail folder, and you can find the route in the Google earth.

Note: GPRS sending interval is the same with SMS timer. If the user does not need SMS when sending GPRS DATA, please send command “S,SOFF” to turn it off.

13 Troubleshooting

	Troubles Description	Solution & Causes
1	The popup stays still, doesn’t disappear when using GPRS tracking.	GPRS transmission is not stable. It builds up the connection, but doesn’t send GPRS data. Please cancel the popup.
2	There is an IP address existing in “Connected Clients”.	It doesn’t relate with the computer or the tracker. It is assigned by GPRS service provider. It doesn’t affect tracker’s working.
3	Red light stays on still.	The tracker doesn’t read out its SIM card. SIM card may be damaged, or there is an AD to be confirmed as it is used on mobile phone.

4	There are more than 1 routers deployed in tree structure.	The IP address set on tracker's SIM card will be the outermost router's one, and the Port Number will be coherent in all the routers. Above router's IP will be assigned to the lower one, so that the GPRS data will be led to the right computer.

14 Worldwide APN (Access Point Name) List

Country	Mobile operator	Access point name
Argentina	Personal	gprs.personal.com
Argentina	Unifon	internet.gprs.unifon.com.ar
Australia	Telstra	telstra.internet
Australia	Optus	internet
Australia	Three	3netaccess
Australia	Vodafone	internet
Austria	Max Online	gprsinternet
Austria	One	wap.one.at
Belgium	Orange	orangeinternet
Belgium	Mobistar	web.pro.be
Belgium	Proximus	internet.proximus.be
Bermuda	AT&T	proxy
Bermuda	Mobility	net.bm
Brazil	Claro	claro.com.br
Brazil	Oi	gprs.oi.com.br
Brazil	TIM	tim.br
Bulgaria	Mobiltel (Mtel)	inet-gprs.mtel.bg
Canada	Fido	internet.fido.ca
Canada	Rogers AT&T	internet.com
Chile	Entel PCS	imovil.entelpcs.cl bam.entelpcs.cl
Chile	Telefonica GSM	web.tmovil.cl
China	China Mobile	cmnet
Croatia	VIPNET	gprs.vipnet.hr
Czech Republic	Eurotel	internet
Czech Republic	Oskar	internet
Czech Republic	Oskar prepaid cards	ointernet
Czech Republic	T-Mobile	internet.t-mobile.cz

Denmark	TDCmobil	internet
Denmark	Orange	web.orange.dk
Eygpt	Vodafone	internet.vodafone.net
Domincan Republic	Orange Domiricana	orangenet.com.do
Finland	Telia Mobile	internet
Finland	DNA	internet
Finland	Sonera	internet
Finland	Radiolinja	internet
Finland	Saunalahti	saunalahti
France	Orange	orange.fr
France	SFR	websfr
France	Bouygues Telecom	eBouygTel.com
Germany	D2 Vodafone	web.vodafone.de
Germany	E-Plus	internet.eplus.de
Germany	O2	internet
Germany	Quam	quam.de
Germany	T-Mobile D1	internet.t-d1.de
Greece	Vodafone	internet.vodafone.gr
Greece	Telestet	gint.b-online.gr
Greece	Cosmote	internet
Hungary	Vodafone (Prepaid "Optimized")	vitamax.internet.vodafone.net
Hungary	Vodafone (Prepaid "Standard")	vitamax.inet.vodafone.net
Hungary	Vodafone (Postpaid "Optimized")	internet.vodafone.net
Hungary	Vodafone (Postpaid "Standard")	standardnet.vodafone.net
Hong Kong	CSL	internet
Hong Kong	Orange	web.orangehk.com
Hong Kong	New World	internet
Hong Kong	People	internet
Hong Kong	SmarTone	internet

Hong Kong	Sunday	internet
India	Orange, Hutch	www
Iceland	Siminn	gprs.simi.is
India	BPL Mobile	bplgprs.com
India	Airtel	airtelgprs.com
Indonesia	Telkomsel	internet
Ireland	O2	internet
Ireland	Vodafone	live.vodafone.com
Israel	Cellcom	internetg
Israel	Orange	internet
Italy	TIM	uni.tim.it ibox.tim.it
Italy	Vodafone Omnitel	web.omnitel.it
Italy	Wind	internet.wind
Latvia	Latvia Mobile Telefone	internet.lmt.lv
Luxembourg	LUXGSM	web.pt.lu
Luxembourg	Tango	internet
Malaysia	Celcom	celcom.net.my
Mexico	Movistar	internet.movistar.mx
Mexico	Telcel	internet.itelcel.com
Montenegro	Monet	gprs.monetcg.com
Netherlands	T-Mobile	internet
Netherlands	KPM Mobile	internet
Netherlands	Orange	internet
Netherlands	O2	internet
Netherlands	Vodafone (normal)	web.vodafone.nl
Netherlands	Vodafone (business)	office.vodafone.nl
New Zealand	Vodafone NZ	www.vodafone.net.nz
Norway	Netcom	internet.netcom.no

Norway	Telenor	internet
Pakistan	UFone	ufone.internet
Paraguay	Personal	internet
Paraguay	Tigo	internet.tigo.py
Philippines	Smart	internet
Philippines	Globe	internet.globe.com.ph
Poland	Era	erainternet
Poland	Idea	www.idea.pl
Poland	PlusGSM	www.plusgsm.pl
Portugal	Optimus	internet
Portugal	TMN	internet
Portugal	Vodafone (Telcel)	internet.vodafone.pt
Romania	Connex	internet.connex.ro
Romania	Orange	internet
Russia	BeeLine	internet.beeline.ru
Russia	Megafon	internet.nw
Russia	MTS	internet.mts.ru
Russia	PrimTel	internet.primtel.ru
Saudi Arabia	Saudi Telecom	Jawalnet.com.sa
Serbia-Montenegro	Mobtel Srbija	internet
Serbia-Montenegro	Telekom Srbija	gprsinternet
Singapore	M1	sunsurf
Singapore	Singtel	internet
Singapore	Starhub	shwapint
Slovakia	Eurotel	internet
Slovakia	Orange	internet
South Africa	MTN	internet
Spain	Amena	amenawap

Spain	Telefonica (Movistar)	movistar.es
Spain	Vodafone	airtelnet
Sweden	Telia	online.telia.se
Sweden	Vodafone SE	internet.vodafone.net
Switzerland	Swisscom	gprs.swisscom.ch
Switzerland	Orange CH	internet
Switzerland	sunrise	internet
Switzerland	UMC	www.umc.ua
Taiwan	Chunghwa Telecom	emome
Taiwan	Far EasTone	fetnet01
Taiwan	KG Telecom	internet
Taiwan	Taiwan Cellular	internet
Thailand	AIS	internet
Thailand	DTAC	www.dtac.co.th
Turkey	Avea	internet
Turkey	Aycell	aycell
Turkey	Telsim	telsim
Turkey	Turkcell	internet
UK	Jersey Telecom	pepper
UK	O2	mobile.o2.co.uk
UK	T-Mobile	general.t-mobile.co.uk
UK	Vodafone UK	internet
UK	Orange	orangeinternet
Ukraine	Kyivstar GSM	www.kyivstar.net
Ukraine	UMC	www.umc.ua
USA	T-Mobile	internet2.voicestream.com
USA	AT&T	proxy
USA	Cingular	isp.cingular
Venezuela	Digital TIM	gprsweb.digitel.ve
Vietnam	MobiFone	Mobi-gprs-wap